Difference Engine

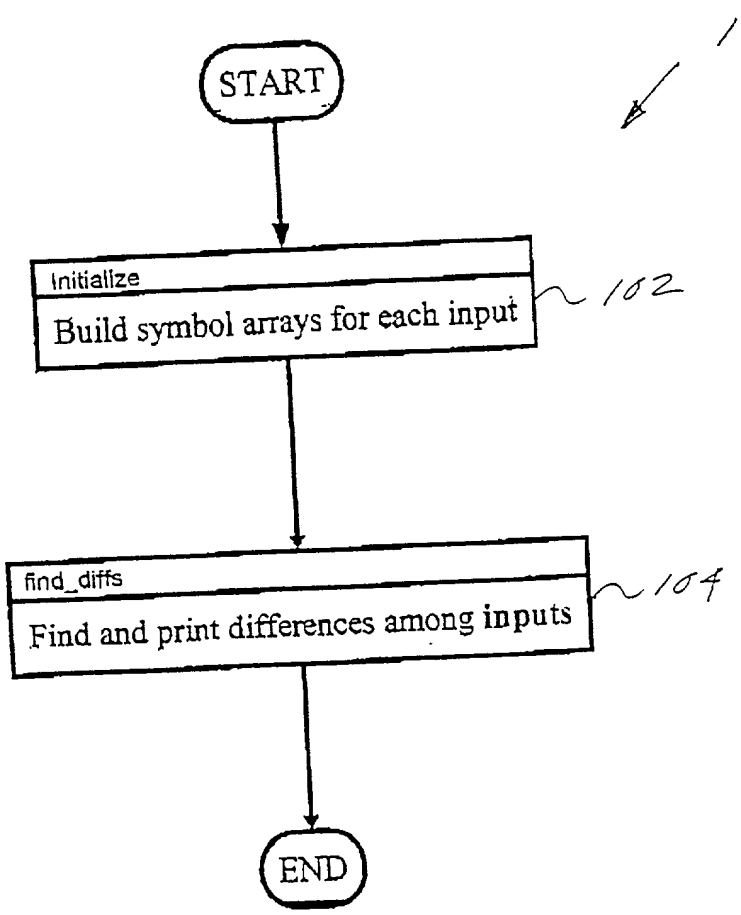


FIG. 1

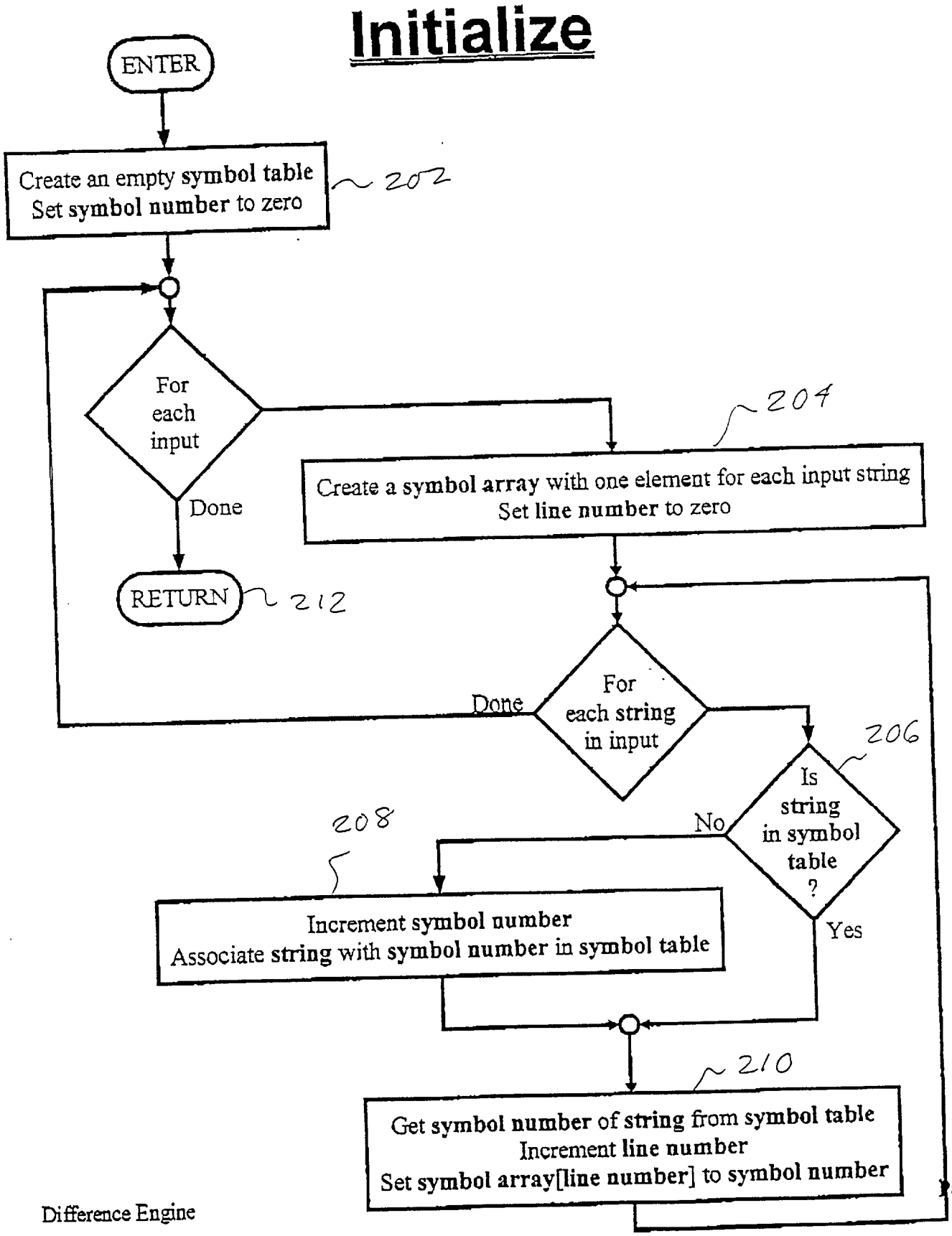

Initialize
ENTER
Create an empty symbol table
Set symbol number to zero
202
For each input
Done
RETURN
212
204
Create a symbol array with one element for each input string
Set line number to zero
For each string in input
Done
206
Is string in symbol table ?
No
Yes
208
Increment symbol number
Associate string with symbol number in symbol table
210
Get symbol number of string from symbol table
Increment line number
Set symbol array[line number] to symbol number

FIG. 2

find_diffs

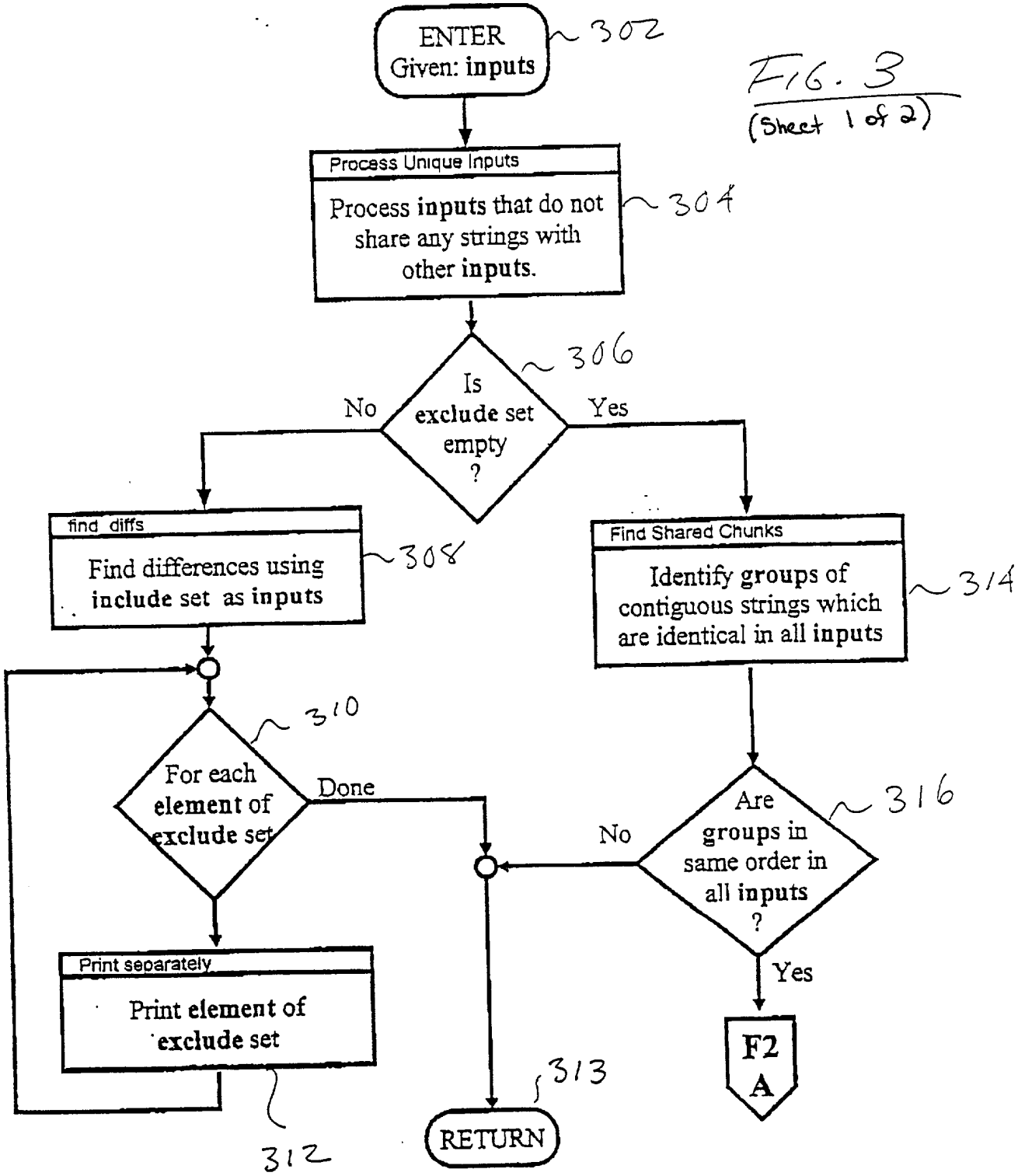
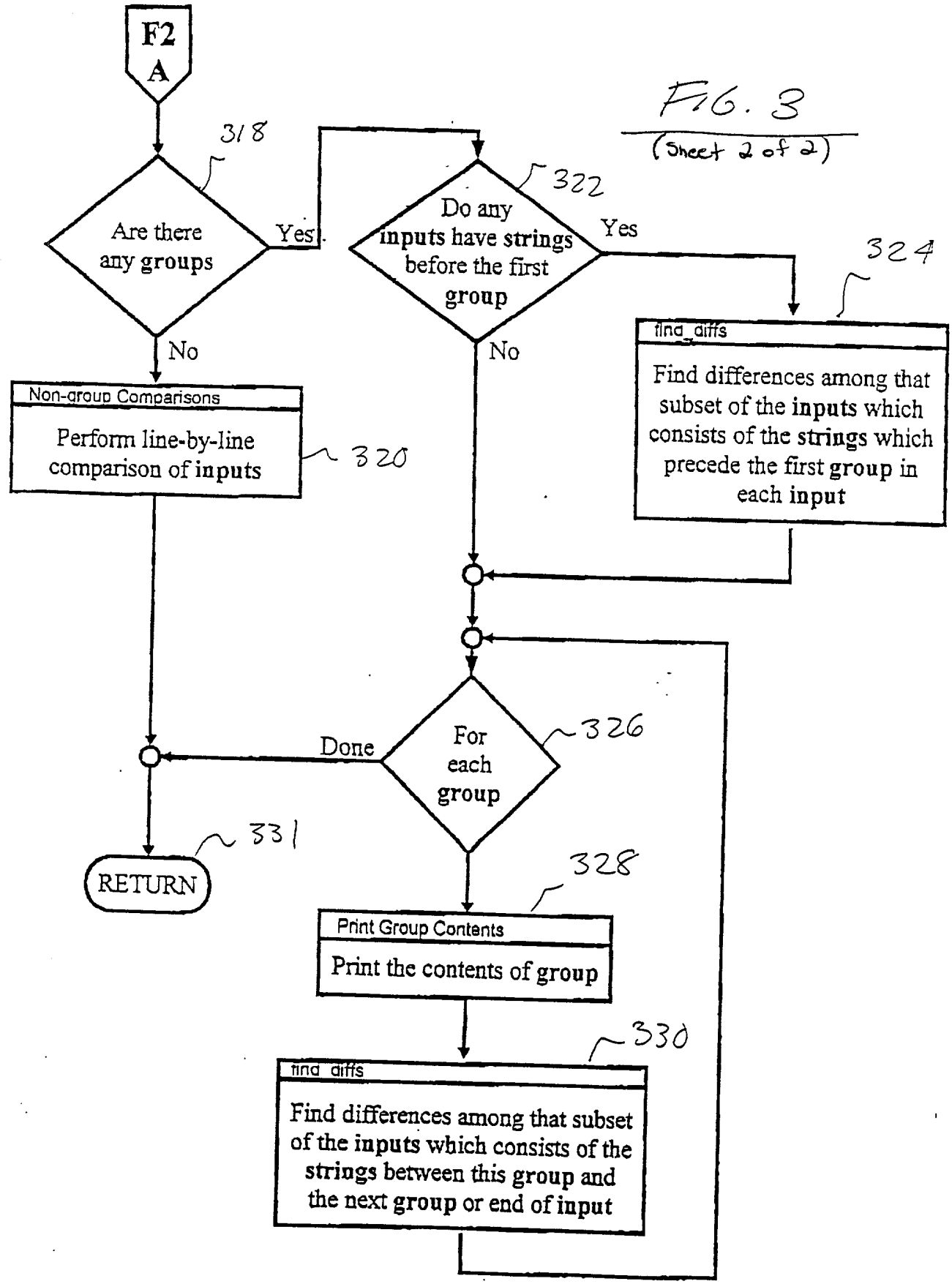


FIG. 3
(Sheet 1 of 2)

FIG. 3
(Sheet 2 of 2)



Process Unique Inputs

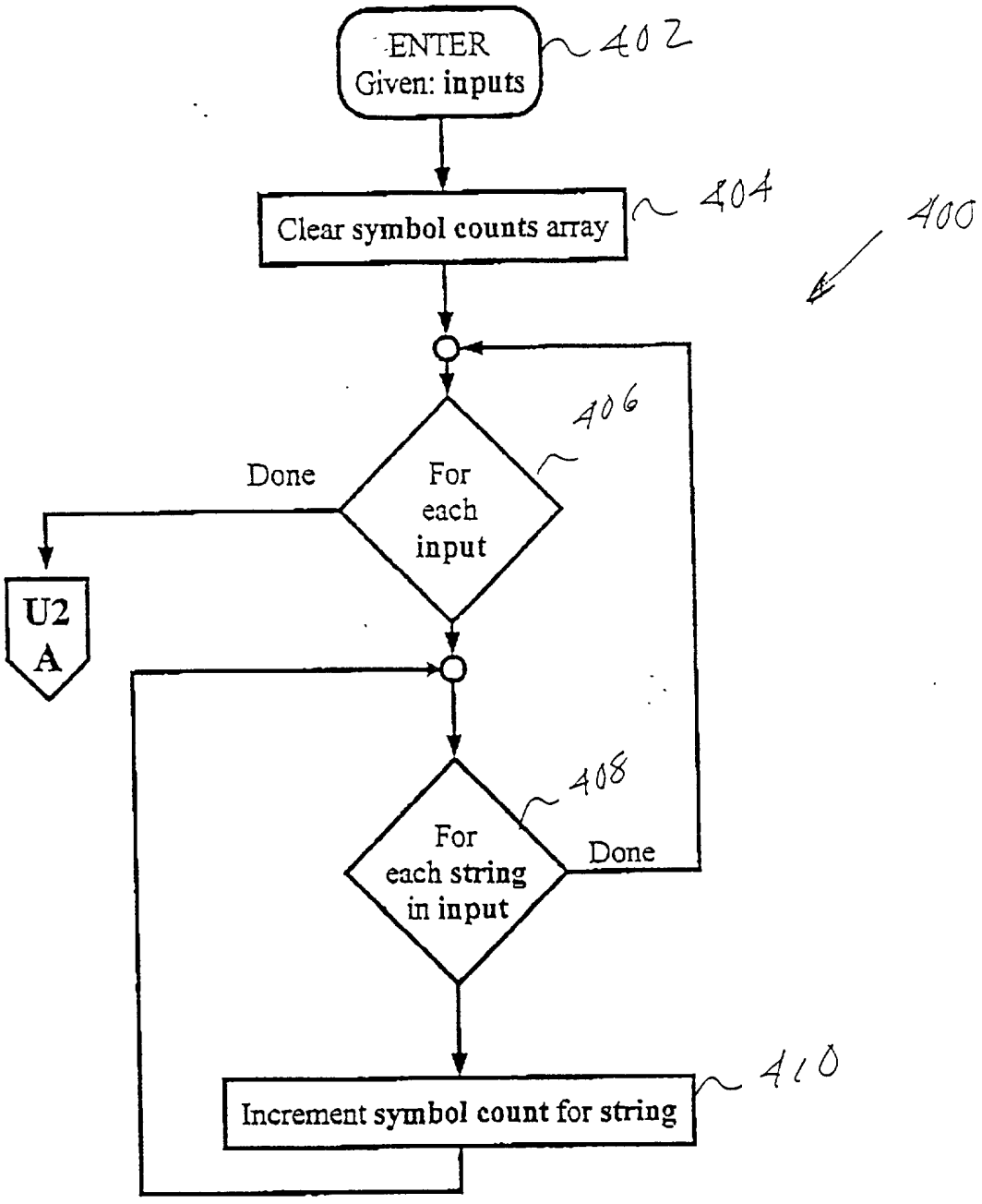
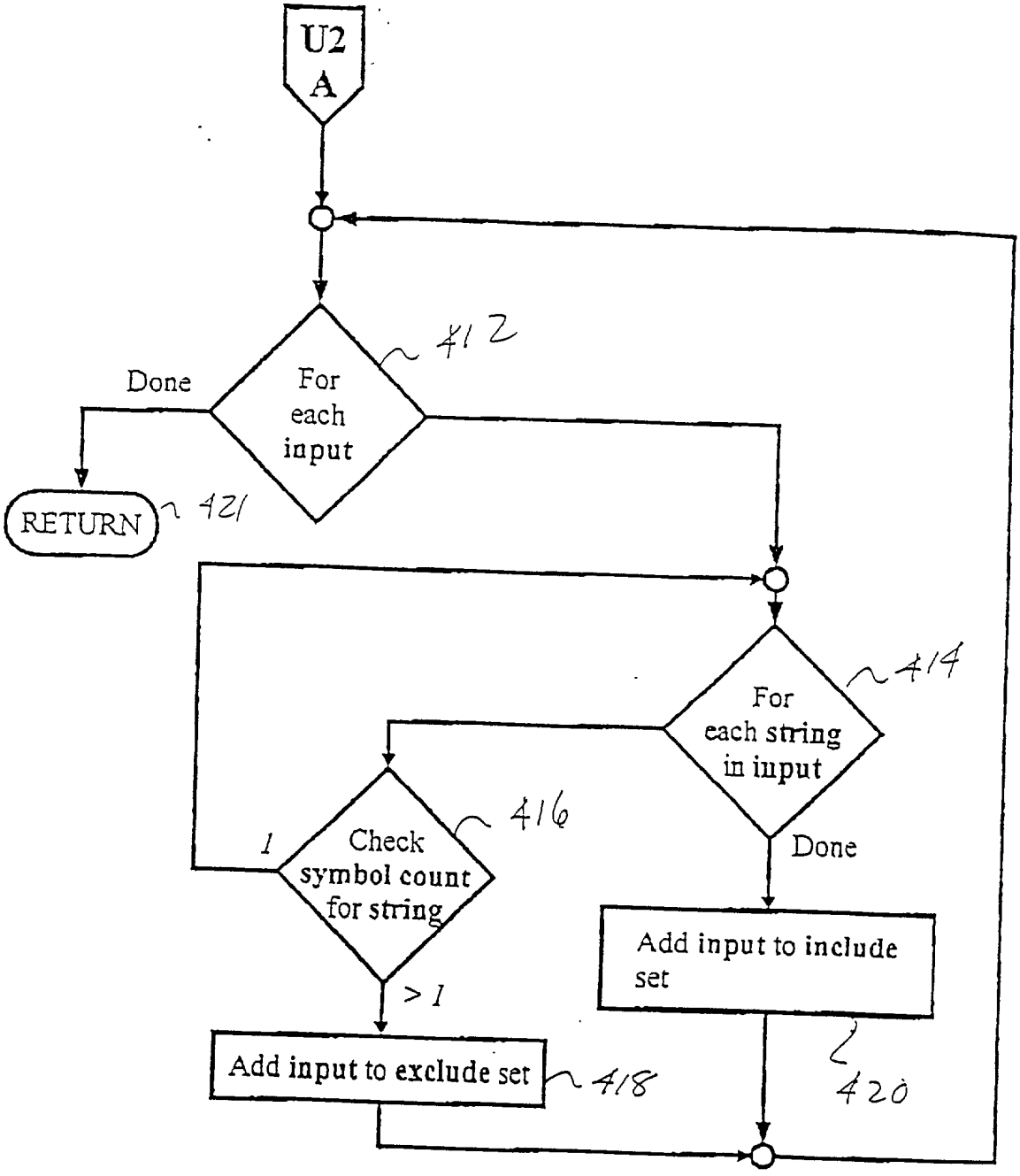


FIG. 4
(Sheet 1 of 2)



F. 6. 4

(Sheet 2 of 2)

Non-group Compare

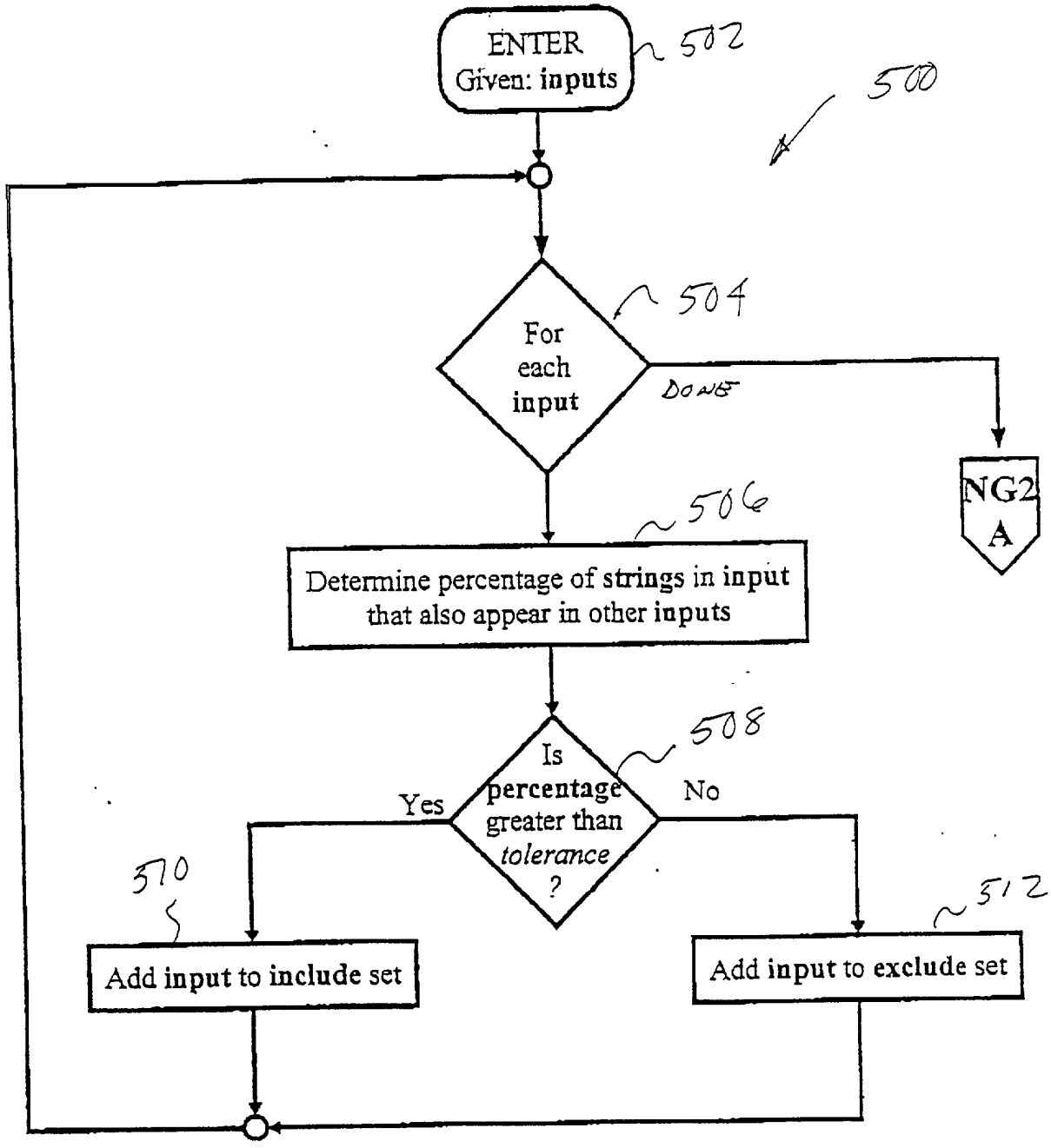
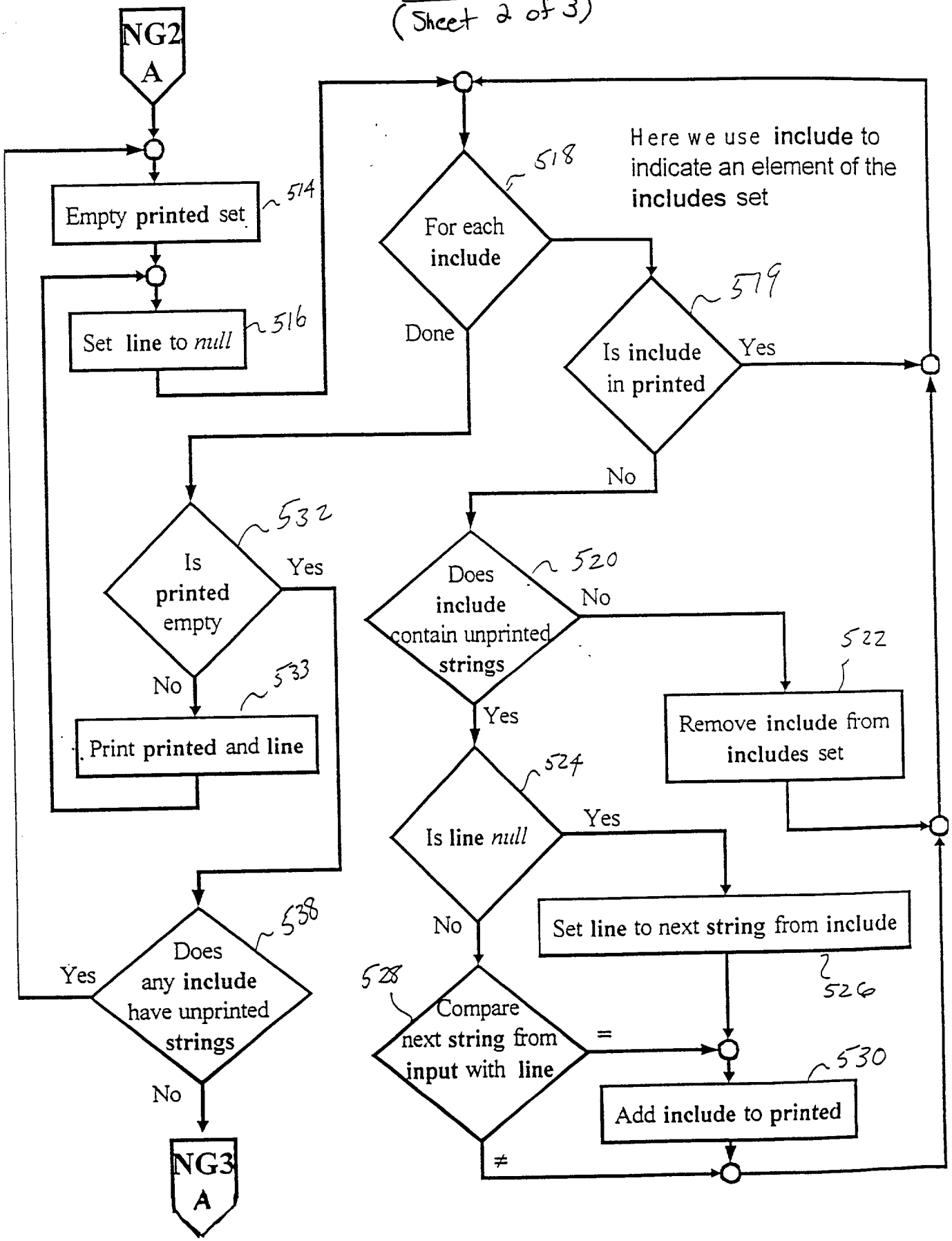


FIG. 5
(Sheet 1 of 3)

FIG. 5
(Sheet 2 of 3)



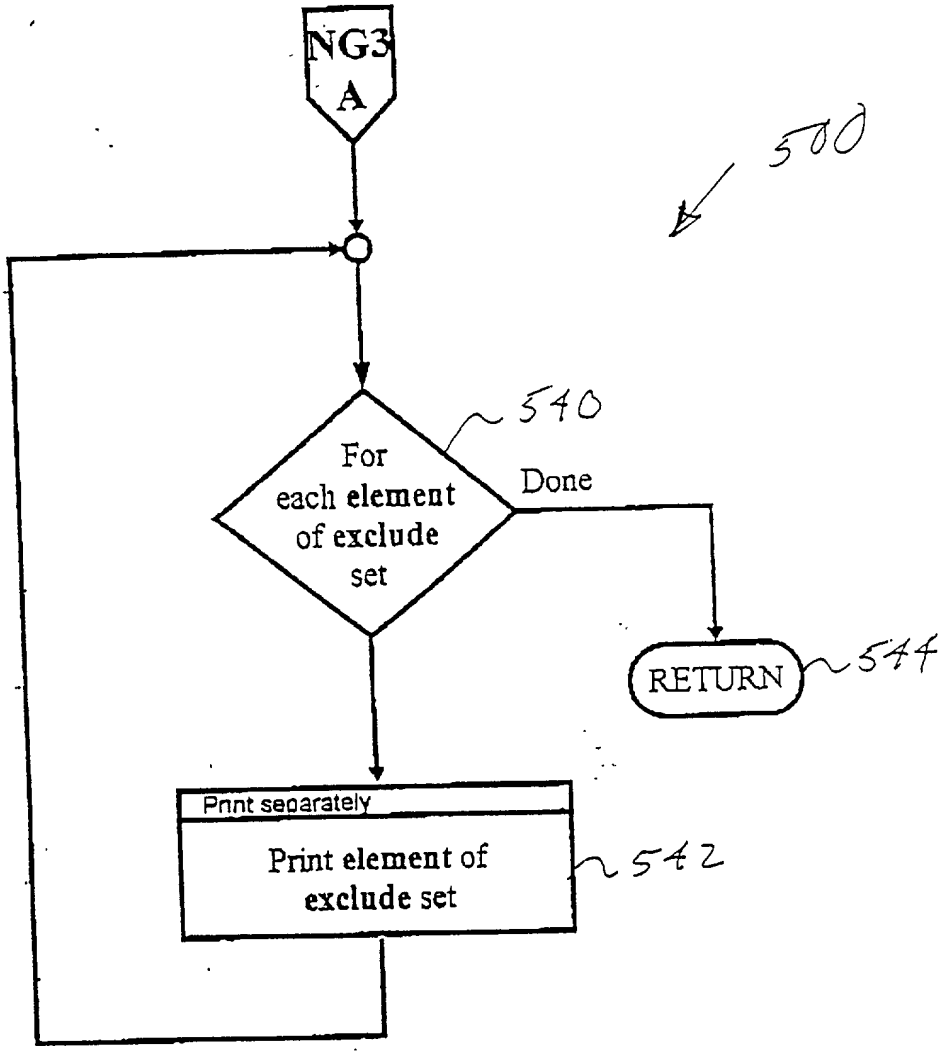


FIG. 5

(Sheet 3 of 3)

Print Separately

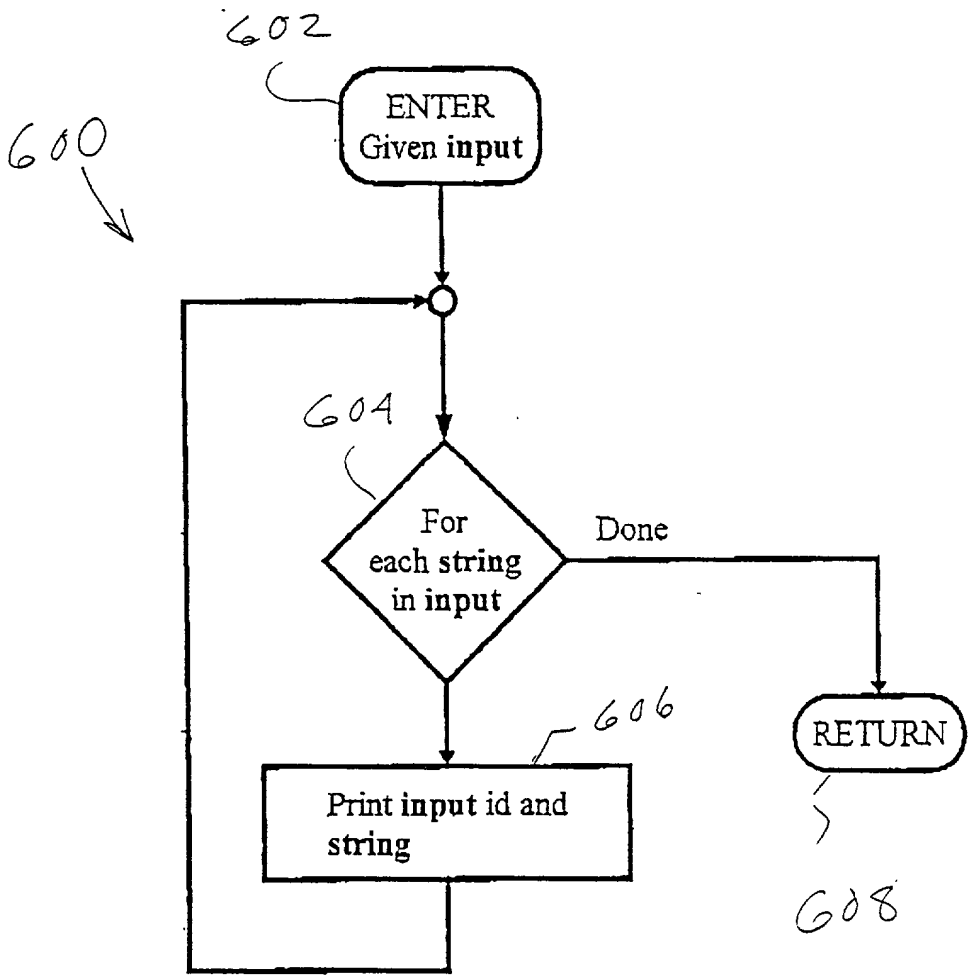


FIG. 6

Print Group Contents

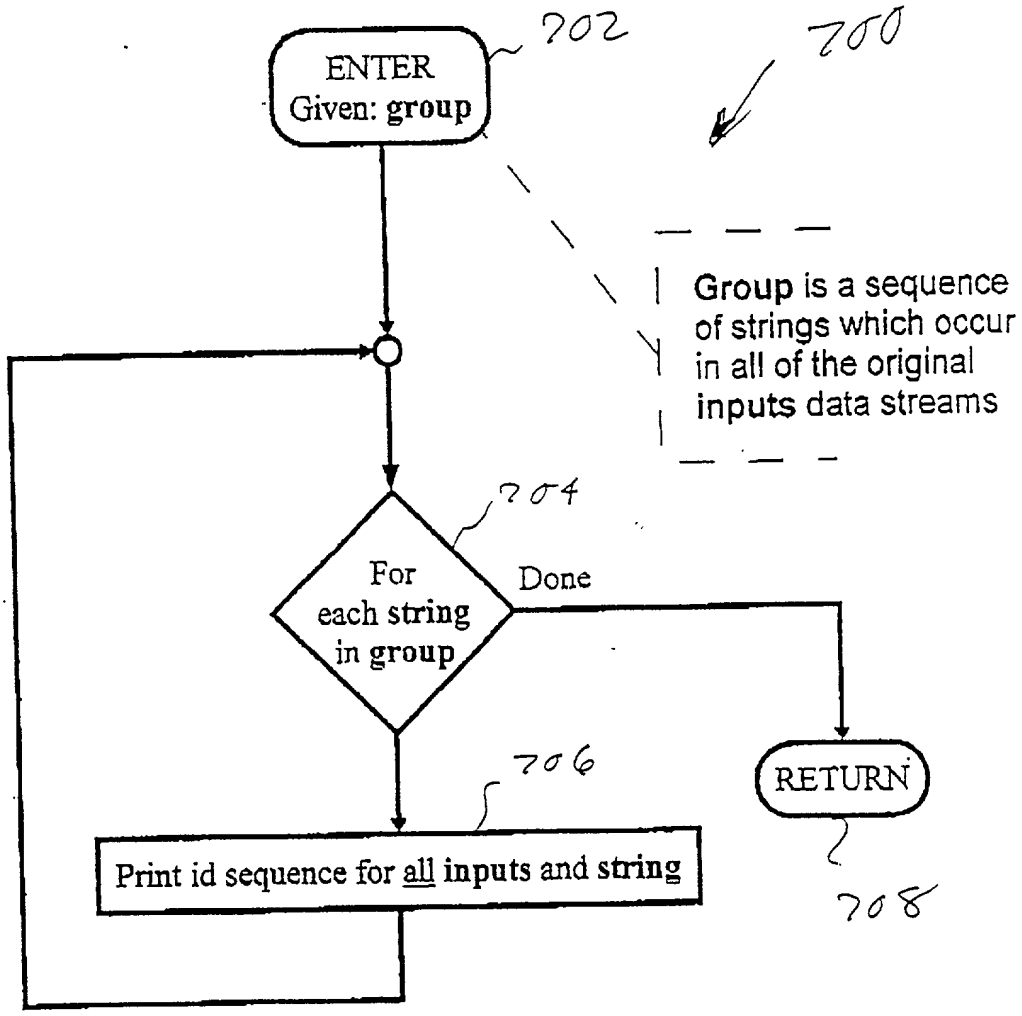


FIG. 7

Find Shared Chunks

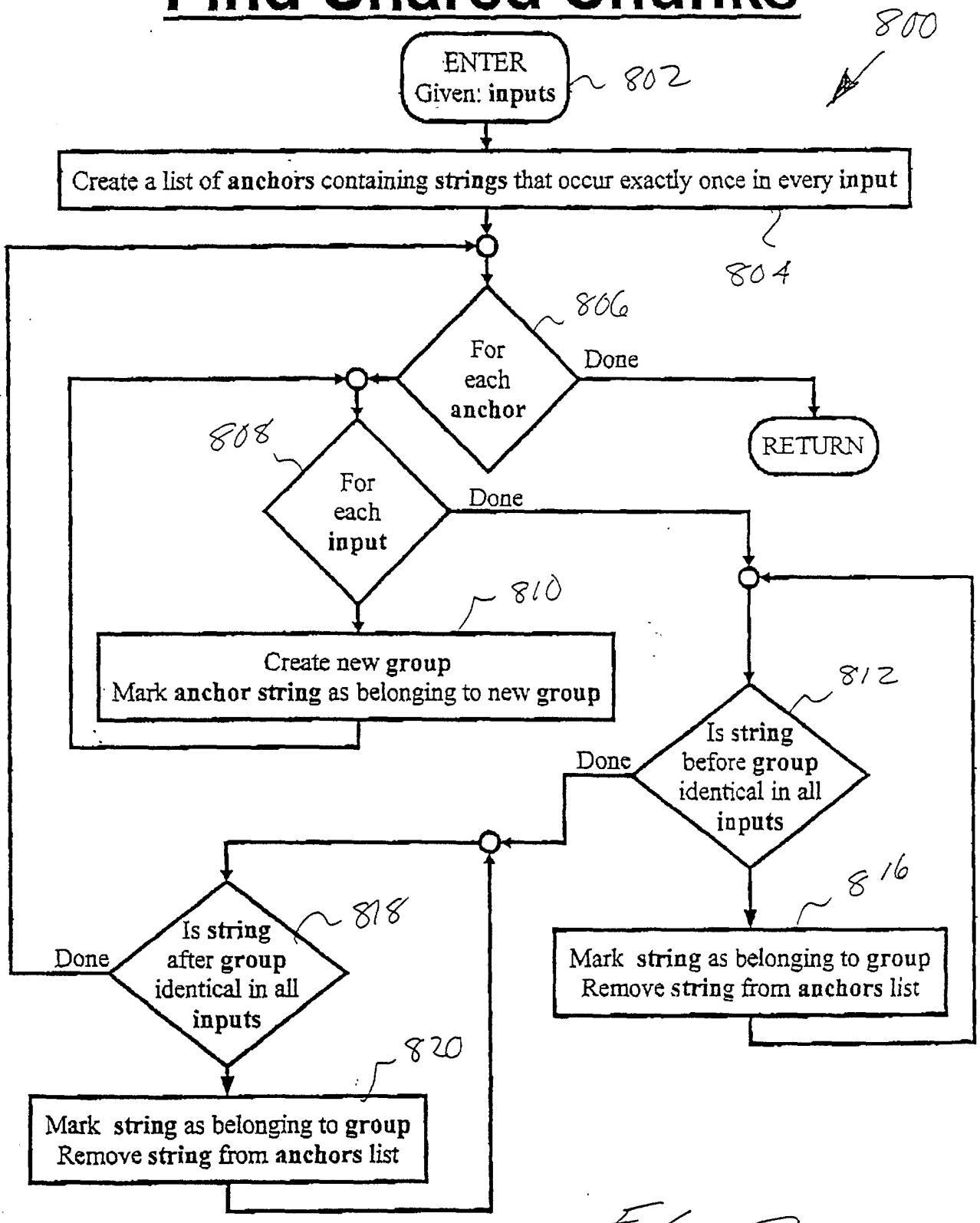
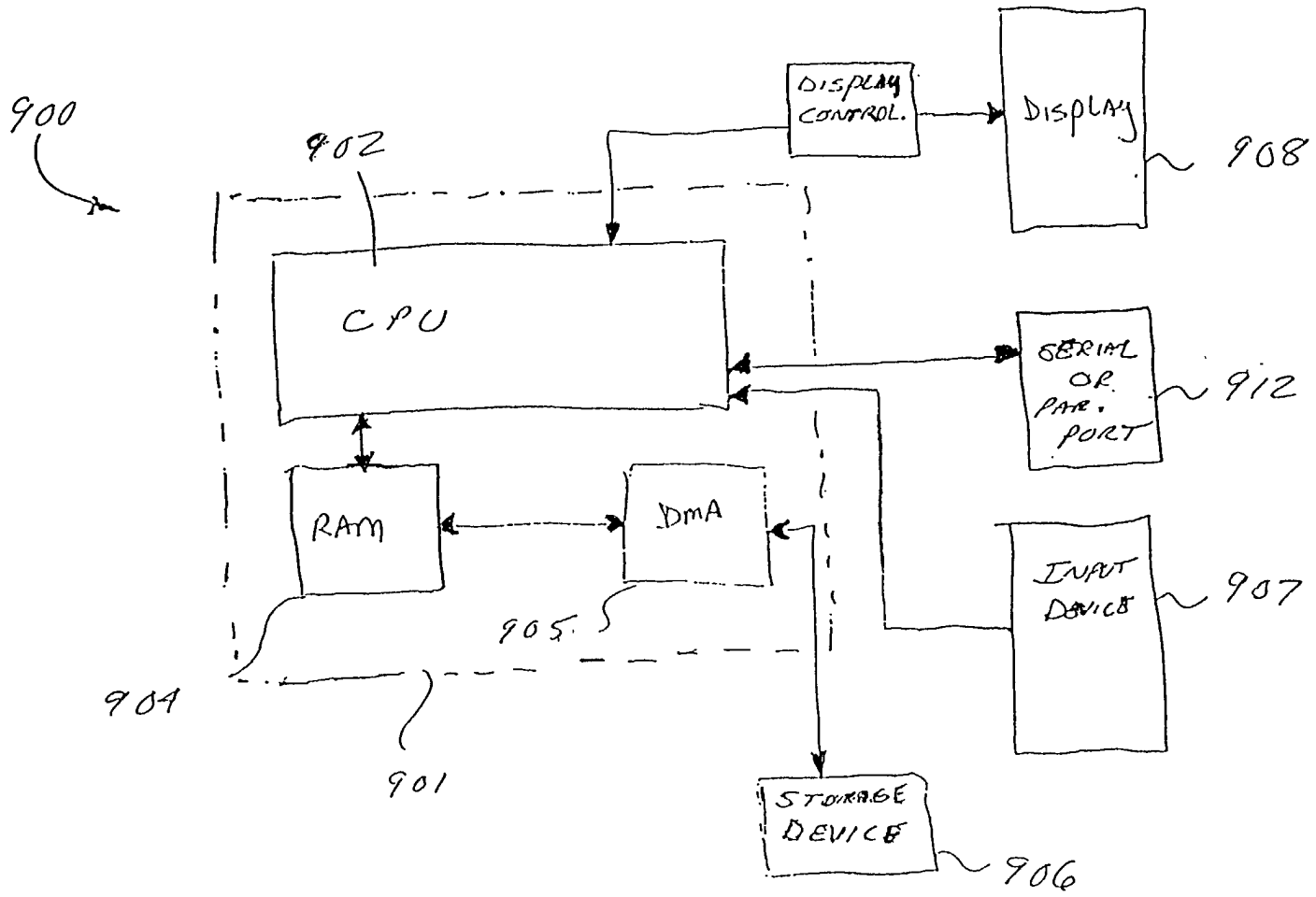


FIG. 8

FIG. 9


900
902
DISPLAY CONTROL.
DISPLAY
908
CPU
SERIAL OR PAR. PORT
912
RAM
DMA
INPUT DEVICE
907
905
904
901
STORAGE DEVICE
906

PATENT 5345980860

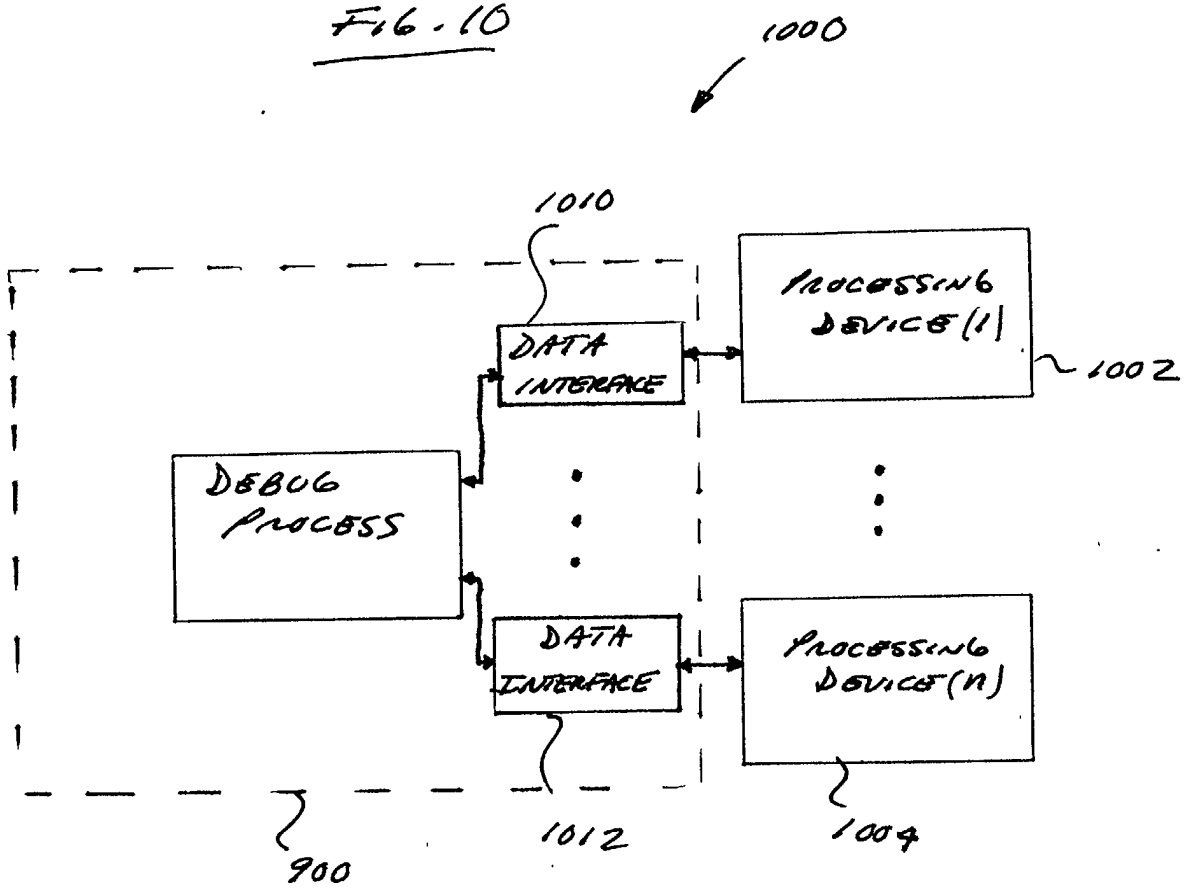



FIG. 10